



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

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MEMORANDUM

TO: Glen Allred

FROM: Gertrudys Adkins, Ph.D. *GA*
Distribution/Adjudication

DATE: November 20, 2000

SUBJECT: Granite and Red Cedar Creek Flow Data

Attached please find a copy of the water use data for the year 2000 on Granite and Red Cedar creeks. Also, included are the memory modules. Thank you for your time in providing me with the raw data.

If you have any questions or need further assistance, please give me a call at (801)538-7384.

GRANITE CREEK FLOWS (CFS)

(YEAR 2000)

| DATE | MARCH | APRIL | MAY | JUNE | JULY | AUG | SEPT | OCT |
|------------------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1 | | 0.50 | 3.27 | 4.56 | 1.02 | 0.16 | 0.47 | 0.23 |
| 2 | | 0.50 | 3.52 | 4.49 | 0.94 | 0.10 | 0.35 | 0.23 |
| 3 | | 0.59 | 4.07 | 4.44 | 0.87 | 0.10 | 0.37 | 0.23 |
| 4 | | 0.59 | 4.16 | 4.44 | 0.64 | 0.10 | 0.31 | 0.23 |
| 5 | | 0.59 | 4.40 | 4.40 | 0.65 | 0.10 | 0.28 | 0.23 |
| 6 | | 0.68 | 4.35 | 4.44 | 0.66 | 0.10 | 0.27 | 0.23 |
| 7 | | 0.68 | 4.64 | 4.49 | 0.61 | 0.10 | 0.30 | 0.23 |
| 8 | | 0.68 | 4.84 | 4.66 | 0.59 | 0.10 | 0.26 | 0.23 |
| 9 | | 0.96 | 4.49 | 4.43 | 0.54 | 0.10 | 0.26 | 0.23 |
| 10 | | 0.96 | 4.76 | 3.79 | 0.58 | 0.10 | 0.27 | 0.23 |
| 11 | | 0.96 | 4.71 | 3.45 | 0.54 | 0.10 | 0.26 | 0.23 |
| 12 | | 1.28 | 4.74 | 3.30 | 0.48 | 0.10 | 0.23 | 0.23 |
| 13 | | 1.28 | 4.61 | 3.04 | 0.43 | 0.10 | 0.23 | 0.23 |
| 14 | | 1.28 | 4.26 | 2.83 | 0.42 | 0.10 | 0.23 | 0.23 |
| 15 | | 1.51 | 3.93 | 2.62 | 0.41 | 0.10 | 0.23 | 0.23 |
| 16 | | 1.51 | 3.54 | 2.50 | 0.38 | 0.10 | 0.13 | 0.23 |
| 17 | | 1.51 | 3.61 | 2.42 | 0.38 | 0.10 | 0.12 | 0.23 |
| 18 | | 1.63 | 3.82 | 2.07 | 0.35 | 0.10 | 0.16 | 0.23 |
| 19 | | 1.63 | 3.52 | 1.70 | 0.35 | 0.10 | 0.16 | 0.23 |
| 20 | | 1.63 | 3.47 | 2.02 | 0.19 | 0.10 | 0.16 | 0.23 |
| 21 | | 1.63 | 3.54 | 1.83 | 0.18 | 0.10 | 0.16 | 0.23 |
| 22 | | 1.87 | 4.53 | 1.72 | 0.23 | 0.10 | 0.16 | 0.23 |
| 23 | | 1.87 | 4.86 | 1.27 | 0.23 | 0.08 | 0.38 | 0.23 |
| 24 | | 1.87 | 4.69 | 0.98 | 0.23 | 0.07 | 0.29 | 0.27 |
| 25 | | 2.00 | 3.47 | 1.28 | 0.23 | 0.07 | 0.27 | 0.23 |
| 26 | | 2.13 | 4.42 | 1.52 | 0.23 | 0.07 | 0.27 | 0.23 |
| 27 | | 2.36 | 4.23 | 1.37 | 0.23 | 0.07 | 0.27 | 0.23 |
| 28 | | 3.24 | 4.14 | 1.20 | 0.22 | 0.07 | 0.25 | 0.23 |
| 29 | | 3.45 | 4.16 | 1.12 | 0.19 | 0.07 | 0.25 | 0.23 |
| 30 | | 3.34 | 4.46 | 0.86 | 0.19 | 0.07 | 0.23 | 0.25 |
| 31 | | | 4.25 | | 0.19 | 0.80 | | 0.27 |
| | | | | | | | | |
| TOTAL (cfs) | 0.00 | 44.69 | 129.45 | 83.25 | 13.37 | 3.55 | 7.53 | 7.20 |
| Average (cfs) | 0.00 | 1.49 | 4.18 | 2.77 | 0.43 | 0.11 | 0.25 | 0.23 |
| ACRE-FT | 0.00 | 88.65 | 256.76 | 165.12 | 26.52 | 7.04 | 14.94 | 14.28 |
| Cummulative (AF) | 0.00 | 88.65 | 345.41 | 510.53 | 537.05 | 544.10 | 559.04 | 573.32 |

Total water delivered to date (af) = **573.32**

RED CEDAR CREEK FLOWS (CFS)

(YEAR 2000)

| DATE | MARCH | APRIL | MAY | JUNE | JULY | AUG | SEPT | OCT |
|-------------------------|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1 | | 0.32 | 4.41 | 7.61 | 1.36 | 0.23 | 0.84 | 0.31 |
| 2 | | 0.35 | 5.39 | 8.82 | 1.22 | 0.21 | 0.58 | 0.30 |
| 3 | | 0.40 | 5.36 | 8.82 | 1.12 | 0.21 | 0.51 | 0.30 |
| 4 | | 0.45 | 5.11 | 8.79 | 1.24 | 0.24 | 0.42 | 0.30 |
| 5 | | 0.53 | 4.84 | 8.55 | 1.02 | 0.22 | 0.37 | 0.29 |
| 6 | | 0.53 | 3.46 | 3.06 | 0.93 | 0.23 | 0.34 | 0.38 |
| 7 | | 0.53 | 2.32 | 5.01 | 0.88 | 0.19 | 0.47 | 0.37 |
| 8 | | 0.56 | 2.24 | 6.57 | 0.83 | 0.18 | 0.41 | 0.31 |
| 9 | | 0.73 | 2.17 | 6.09 | 0.80 | 0.16 | 0.35 | 0.31 |
| 10 | | 1.08 | 2.09 | 5.16 | 0.80 | 0.16 | 0.33 | 0.31 |
| 11 | | 1.46 | 1.96 | 4.45 | 0.80 | 0.16 | 0.31 | 0.31 |
| 12 | | 1.81 | 3.12 | 4.16 | 0.78 | 0.13 | 0.31 | 0.30 |
| 13 | | 2.07 | 4.88 | 3.81 | 0.76 | 0.53 | 0.29 | 0.31 |
| 14 | | 2.60 | 4.64 | 3.63 | 0.73 | 0.17 | 0.27 | 0.31 |
| 15 | | 1.98 | 4.57 | 3.36 | 0.69 | 0.10 | 0.25 | 0.31 |
| 16 | | 1.83 | 4.74 | 3.12 | 0.69 | 0.10 | 0.23 | 0.31 |
| 17 | | 1.67 | 4.71 | 2.85 | 0.62 | 0.10 | 0.22 | 0.40 |
| 18 | | 1.25 | 4.49 | 2.54 | 0.55 | 0.10 | 0.19 | 0.31 |
| 19 | | 1.35 | 4.23 | 2.40 | 0.55 | 0.10 | 0.22 | 0.31 |
| 20 | | 1.31 | 4.25 | 2.19 | 0.44 | 0.12 | 0.23 | 0.33 |
| 21 | | 1.33 | 5.34 | 2.04 | 0.43 | 0.07 | 0.23 | 0.31 |
| 22 | | 1.53 | 7.49 | 1.87 | 0.43 | 0.07 | 0.23 | 0.31 |
| 23 | | 1.45 | 8.29 | 1.74 | 0.40 | 0.06 | 5.16 | 0.30 |
| 24 | | 1.48 | 6.84 | 1.60 | 0.71 | 0.07 | 0.40 | 0.28 |
| 25 | | 1.53 | 6.46 | 1.60 | 0.38 | 0.14 | 0.37 | 0.27 |
| 26 | | 1.93 | 4.40 | 1.51 | 0.37 | 0.13 | 0.33 | 0.27 |
| 27 | | 3.32 | 2.38 | 2.25 | 0.35 | 0.14 | 0.36 | 0.27 |
| 28 | | 4.24 | 3.42 | 1.72 | 0.31 | 0.14 | 0.33 | 0.27 |
| 29 | | 4.04 | 2.38 | 1.50 | 0.31 | 0.09 | 0.31 | 0.27 |
| 30 | | 3.95 | 2.36 | 1.55 | 0.27 | 1.63 | 0.31 | 0.27 |
| 31 | | | 4.58 | | 0.26 | 1.57 | | 0.27 |
| | | | | | | | | |
| TOTAL (cfs) | 0.00 | 47.65 | 132.93 | 118.39 | 21.00 | 7.72 | 15.15 | 9.41 |
| Average (cfs) | 0.00 | 1.59 | 4.29 | 3.95 | 0.68 | 0.25 | 0.51 | 0.30 |
| ACRE-FT | 0.00 | 94.51 | 263.67 | 234.82 | 41.64 | 15.32 | 30.05 | 18.66 |
| Cummulative (AF) | 0.00 | 94.51 | 358.17 | 592.99 | 634.64 | 649.95 | 680.01 | 698.66 |

Total water delivered to date (af) = 698.66